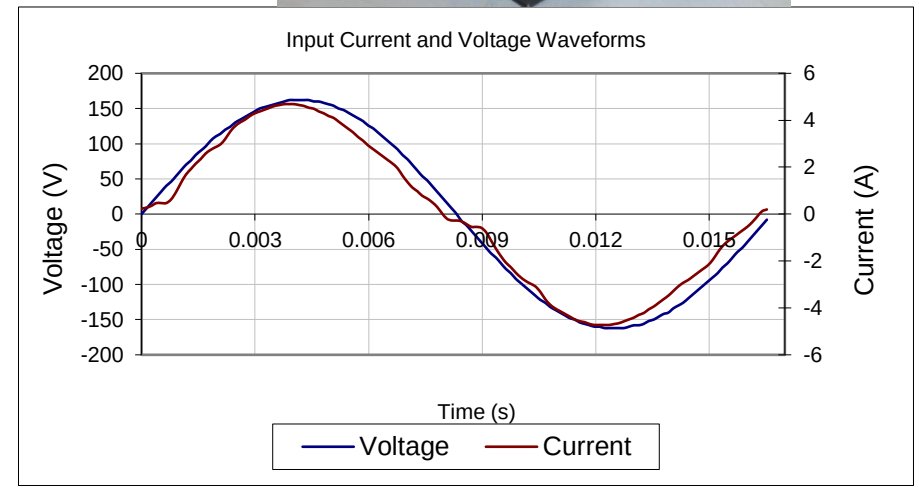
80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	**90.65%**
AVERAGE EFFICIENCY :	**89.18%**
80 PLUS COMPLIANT:	**YES**

ID Number	4829
Manufacturer	Corsair
Model Number	RPS0069 (CP-9020132)(TX650M)
Serial Number	16464850000040800075
Year	2017
Type	ATX12V
Test Date	1/12/17

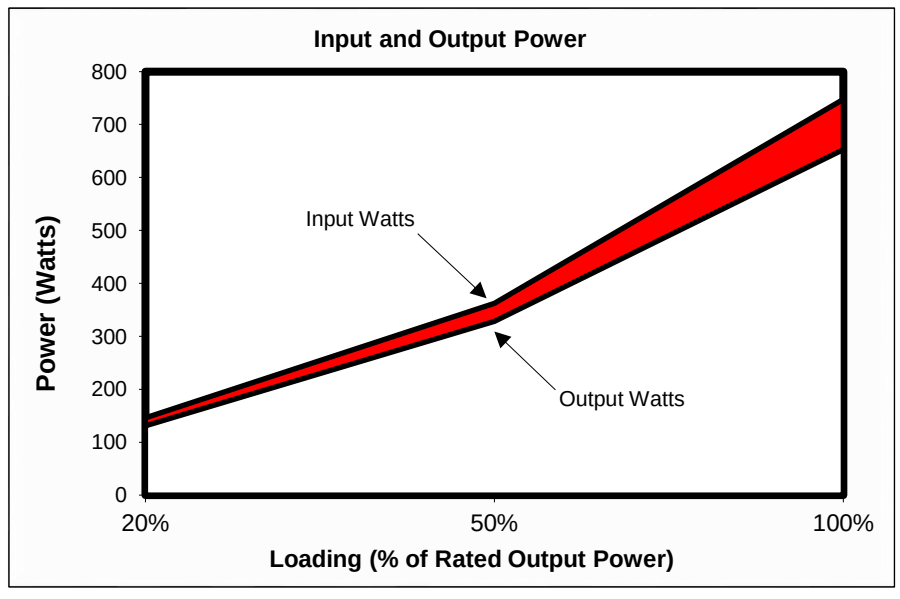
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	47-63	Hz
Rated Output Power	**650**	**Watts**

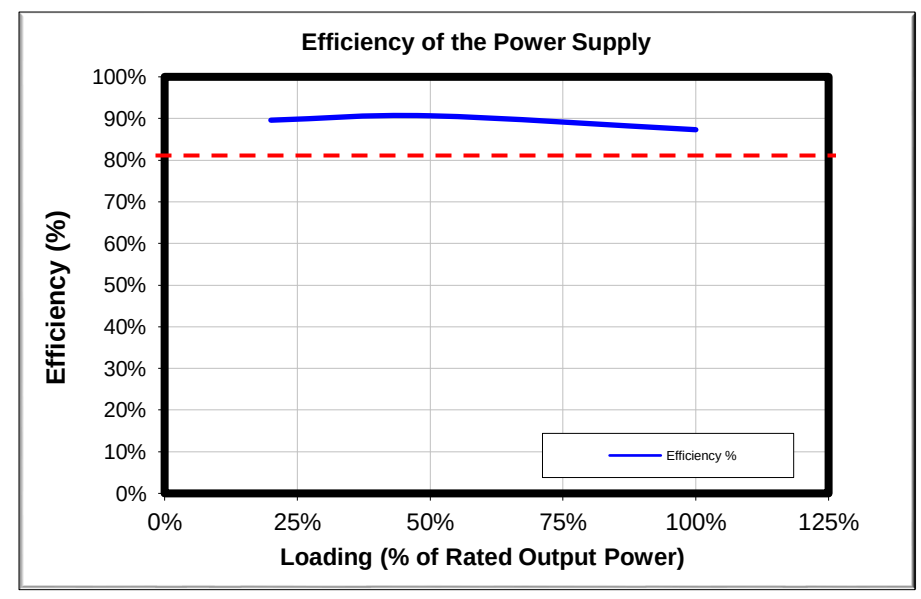
Note: All measurements were taken with input voltage at 115 V nominal at 60 Hz.



Input AC Current Waveform (ITHD = 10.46%, 50% Load)

I_{RMS} A A	PF	I_{THD} (%)	Load (%)	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Efficiency %
					12V (cumulative of 12V1, 12V2, etc.)	-12V	3.3V	5V	5Vsb		
0.72	0.94	17.81%	10%	77.78	12.12/4.33	12.32/0.07	3.34/1.33	5.03/1.33	5.03/0.25	65.83	**84.63%**
1.31	0.98	14.09%	20%	146.43	12.12/8.65	12.1/0.14	3.33/2.66	5.03/2.64	5.02/0.51	131.19	**89.59%**
3.18	0.99	10.46%	50%	362.60	12.1/21.75	12.12/0.34	3.32/6.65	5.01/6.59	4.99/1.27	328.69	**90.65%**
6.53	1.00	8.16%	100%	747.70	12.07/43.28	12.41/0.68	3.3/13.29	4.99/13.13	4.93/2.54	652.80	**87.31%**





PLUG LOAD solutions

These tests were conducted by a third party independent testing firm on behalf of the 80 PLUS Program. 80 PLUS is a certification program to promote highly-efficient power supplies (greater than 80% efficiency in the active mode) in technology applications. *http://www.80plus.org/*

80 PLUS®